

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| S1 | 1 | ("20040215744").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/26 16:44 |
| S2 | 1 | ("20040237635").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/26 16:45 |
| S3 | 1 | ("20040211249").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/29 09:26 |
| S7 | 12 | (OHSAKI adj MASANOBU).in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/26 16:48 |
| S9 | 102 | (Nakano adj kazumi).in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/29 10:05 |
| S11 | 748 | (shiyunichi).in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/26 16:53 |
| S12 | 10 | engine and S11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/26 16:53 |
| S17 | 1922 | misfire and engine and (engine adj (speed velocity)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/17 08:31 |
| S18 | 4583 | (73/116,117.2,117.3,118.1).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/26 17:05 |
| S19 | 264 | S17 and S18 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/26 17:06 |

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| S20 | 641 | S17 and misfire.ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/26 17:06 |
| S21 | 149 | S19 and S20 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/30 09:00 |
| S22 | 21 | (OZAKI adj HISANORI).in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/29 09:44 |
| S23 | 102 | (Nakano adj kazumi).in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/29 10:05 |
| S24 | 2 | misfire and S23 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/29 10:05 |
| S26 | 7 | ("5189373" "5337716" "5775298" "6185500" "6246952" "6371078" "6550456").PN. OR ("6925374").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/29 12:14 |
| S27 | 19 | ("5278760" "5377537" "5387253" "5503007" "5508927" "5515720" "5542291" "5544521" "5559705" "5574217" "5602331" "5633456" "5713339" "5804711" "5841025" "5862506" "5906652" "6112149" "6388444").PN. OR ("6885932"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/29 12:19 |

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| S28 | 54 | ("3908366" "4179922" "4186701" "4271811" "4308519" "4461257" "4488528" "4491110" "4532592" "4562818" "4606224" "4716874" "4782692" "4846129" "4862093" "4886029" "4928228" "4930479" "4930481" "4932379" "4936277" "4941445" "4976241" "4987771" "5021960" "5044194" "5044195" "5056360" "5095742" "5109695" "5117681" "5144927" "5200899" "5231869" "5239473" "5278760" "5313075" "5349864" "5361629" "5369989" "5383350" "5387253" "5392641" "5394744").PN. OR ("5633456").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/29 13:04 |
| S29 | 61 | ("3908366" "4179922" "4186701" "4271811" "4308519" "4461257" "4488528" "4491110" "4532592" "4562818" "4606224" "4716874" "4782692" "4846129" "4862093" "4886029" "4928228" "4930479" "4930481" "4932379" "4936277" "4941445" "4976241" "4987771" "4987771" "5021960" "5044194" "5044195" "5056360" "5095742" "5109695" "5117681" "5144927" "5200899" "5231869" "5239473" "5263453" "5278760" "5307671" "5313407" "5357790" "5361628" "5361629" "5379634" "5381689" "5387253" "5392641" "5508927" "5515720" "5544521" "5561600" "5574217" "5574646" "5576963" "5602331" "5668725" "5687082" "5699252" "5699253" "5862507").PN. OR ("6314802").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/30 09:35 |
| S30 | 22 | ("4780826" "5044195" "5197325" "5216915" "5263365" "5357788" "5426587" "5428991" "5452604" "5487008" "5495415" "5544058").PN. OR ("5822710").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/30 12:58 |

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| S34 | 15 | correct\$3 and S30 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/30 13:03 |
| S35 | 21175 | threshold with correct\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/30 13:04 |
| S36 | 1926 | misfire and engine and (engine adj (speed velocity)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/30 13:04 |
| S37 | 4585 | (73/116,117.2,117.3,118.1).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/30 13:04 |
| S38 | 264 | S36 and S37 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/30 13:04 |
| S39 | 643 | S36 and misfire.ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/30 13:04 |
| S40 | 149 | S38 and S39 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/30 13:04 |
| S41 | 10 | S35 and S40 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/30 13:05 |
| S42 | 787 | average adj threshold | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/30 15:14 |

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| S43 | 0 | S42 and S40 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/30 15:14 |
| S44 | 935 | averag\$3 adj threshold | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/30 15:14 |
| S45 | 0 | S44 and S40 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/30 15:15 |
| S46 | 3 | S44 and S36 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/30 15:15 |
| S47 | 13 | (US-20040144165-\$).did. or (US-5841025-\$ or US-5239473-\$ or US-5117681-\$ or US-5602331-\$ or US-5574217-\$ or US-6584834-\$ or US-5862507-\$ or US-6243641-\$ or US-6006155-\$ or US-5822710-\$ or US-6185928-\$).did. or (JP-04171249-\$).did. | US-PGPUB; USPAT; JPO | OR | ON | 2005/08/31 08:42 |
| S49 | 6 | S47 and frequency | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/31 08:48 |
| S50 | 1926 | misfire and engine and (engine adj (speed velocity)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/31 08:49 |
| S51 | 0 | (misfire with freqency) and S50 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/31 08:49 |

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| S52 | 131 | (misfire with frequency) and S50 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/31 08:49 |
| S53 | 23 | S52 and (misfire adj frequency) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/31 08:49 |
| S54 | 3 | ("6006155" "6292738" "6546328").PN. OR ("6907341").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/31 09:06 |
| S56 | 1185 | (73/117.3).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/17 08:21 |
| S57 | 2791 | misfire and engine and (engine near3 (speed velocity)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/17 16:19 |
| S58 | 233 | (misfire and engine and (engine near3 (speed velocity))).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/17 08:32 |
| S59 | 548 | ((misfire fault) and engine and (engine near3 (speed velocity))).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/17 08:32 |
| S60 | 419 | ((misfire fault) and engine and (engine near3 (speed velocity)) and (threshold value)).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/24 10:19 |
| S61 | 0 | ("2004/0237635").URPN. | USPAT | OR | ON | 2006/01/17 08:42 |
| S62 | 168 | S60 and "73".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/17 08:50 |

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| S63 | 5 | ("5452604" "5559285" "5735246" "5794171" "6598589").PN. OR ("6968268").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/17 08:53 |
| S64 | 0 | ("2004/0211249").URPN. | USPAT | OR | ON | 2006/01/17 14:40 |
| S65 | 0 | ("6584834").URPN. | USPAT | OR | ON | 2006/01/17 16:19 |
| S66 | 2791 | misfire and engine and (engine near3 (speed velocity)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/17 16:20 |
| S67 | 105 | (threshold with correct\$3) and S66 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/17 16:26 |
| S68 | 1 | ("5,140,962").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/17 16:26 |
| S69 | 18 | ("4711213" "4729358" "4736723" "4760828" "4766545" "4770144" "4774922" "4790281" "4951630" "4971007").PN. OR ("5140962").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/17 16:27 |
| S70 | 91 | ((misfire fault) and engine and (engine near3 (speed velocity)) and (threshold value)).clm. | US-PGPUB | OR | ON | 2006/05/24 10:19 |